

Please type a plus sign (+) inside this box ☐

PTO/SB/05 (08-00)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

069558.0102

First Inventor

KARRAS, et al

Title

Process and Apparatus for Scrubbing Sulfur Dioxide
Flue Gas and Conversion to Fertilizer

Express Mail Label No.

EL865848883US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Commissioner for Patents
Box Patent Application
Washington, D.C. 202311. ☒ Fee Transmittal Form (e.g., PTO/SB/17)

(Submit an original and a duplicate for fee processing)

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)3. ☒ Specification [Total Page 47]

(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); orii. ☐ paperc. ☐ Statements verifying identity of above copies4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 3]

5. Oath and Declaration

a. ☒ Newly executed (original or copy)b. ☐ Copy from a prior application (37 CFR 1.63(d))

(for continuation/divisional with Box 17 completed)

i. ☐ DELETION OF INVENTOR(S)Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).6. ☐ Application Data Sheet. See 37 CFR 1.76**ACCOMPANYING APPLICATION PARTS**9. ☒ Assignment Papers (cover sheet & document(s))10. ☐ 37 CFR 3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney11. ☐ English Translation Document (if applicable)12. ☒ Information Disclosure ☒ Copies of IDS
Statement (IDS)/PTO-1449 Citations13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)16. ☒ Other: Check no. 747651 for \$3,016.00; check
no. 747652 for \$40.0017. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below in a preliminary
amendment, or in an Application Data Sheet under 37 CFR 1.76:☐ Continuation☐ Divisional☐ Continuation-in-Part (CIP)

of prior application No.:

Prior application information:

Examiner

Group/Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box
5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The
incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**18. CORRESPONDENCE ADDRESS**☐ Customer Number of Bar Code Label

or

☒

Correspondence address below

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State

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713-229-1581

Fax

713-229-2881

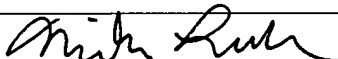
Name (Print/Type)

Michael Locklar

Registration No. (Attorney/Agent)

44,878

Signature



Date

8/7/01

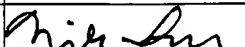
HOU03:792537.1

Burden Hour Statement: This form is estimated to take 0.2 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

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FEE TRANSMITTAL NOTE: Effective October 1, 1997 Patent fees are subject to annual revision		Complete if Known	
		Application Number	
		Filing Date	AUGUST 7, 2001
		First Named Inventor	KARRAS, et al.
		Group Art Unit	
		Examiner Name	
TOTAL AMOUNT OF PAYMENT	\$3,016.00	Attorney Number	Docket 069558.0102

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																													
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account No.: 02-0383 Deposit Account Name: Baker Botts L.L.P. <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance 2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>\$</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td>\$</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td>\$</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexam</td><td>\$</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td>\$</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>\$</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within 1st month</td><td>\$</td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within 2nd month</td><td>\$</td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension to reply within 3rd month</td><td>\$</td></tr> <tr><td>118</td><td>1,380</td><td>218</td><td>680</td><td>Extension to reply within 4th month</td><td>\$</td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension to reply within 5th month</td><td>\$</td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td>\$</td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td>\$</td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td>\$</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td>\$</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td>\$</td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive - unintentional</td><td>\$</td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td>\$</td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td>\$</td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td>\$</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td>\$</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional apps.</td><td>\$</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Dis. Stmt.</td><td>\$</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>\$</td></tr> <tr><td>146</td><td>760</td><td>246</td><td>380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td>\$</td></tr> <tr><td>149</td><td>760</td><td>249</td><td>380</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td>\$</td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td>\$</td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td>\$</td></tr> <tr><td colspan="5">*Reduced by Basic Filing Fee Paid</td><td></td></tr> <tr><td colspan="5">SUBTOTAL (3)</td><td>\$</td></tr> </tbody> </table>				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	\$	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	\$	139	130	139	130	Non-English specification	\$	147	2,520	147	2,520	For filing a request for reexam	\$	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	\$	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	\$	115	110	215	55	Extension for reply within 1st month	\$	116	380	216	190	Extension for reply within 2nd month	\$	117	870	217	435	Extension to reply within 3rd month	\$	118	1,380	218	680	Extension to reply within 4th month	\$	128	1,850	228	925	Extension to reply within 5th month	\$	119	300	219	150	Notice of Appeal	\$	120	300	220	150	Filing a brief in support of an appeal	\$	121	260	221	130	Request for oral hearing	\$	138	1,510	138	1,510	Petition to institute a public use proceeding	\$	140	110	240	55	Petition to revive - unavoidable	\$	141	1,210	241	605	Petition to revive - unintentional	\$	142	1,210	242	605	Utility issue fee (or reissue)	\$	143	430	243	215	Design issue fee	\$	144	580	244	290	Plant issue fee	\$	122	130	122	130	Petitions to the Commissioner	\$	123	50	123	50	Petitions related to provisional apps.	\$	126	180	126	180	Submission of Information Dis. 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				Complete (if applicable)	
Typed or Printed Name	MICHAEL LOCKLAR			Registration Number	44,878
Signature		Date	08.07.01	Deposit Account User ID	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Karras et al

§ Group Art Unit:

Serial No.:

§ Examiner:

Filed: August 7, 2001

§ Attorney Docket No: 069558.0102

Title: Process and Apparatus for Scrubbing Sulfur Dioxide from Flue Gas and

§ Date: August 7, 2001

TRANSMITTAL LETTER

Assignment Box
Commissioner of Patents
Washington, DC 20231

Dear Sir:

Applicants hereby submit the following documents to be filed with the United States Patent and Trademark Office:

1. Declaration and Power of Attorney;
2. Check no. 747652 in the amount of \$40.00; and
5. Return postcard.

The Commissioner is authorized to debit our Deposit Account No. 02-0383 for any underpayment of fees which may be due in association with this filing under 37 CFR §1.16-1.18.

Respectfully Submitted,

[illegible]

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Facsimile: (713) 229-2881

ATTORNEY FOR APPLICANT

Date: August 7, 2001

"EXPRESS MAIL" MAILING LABEL NUMBER

DATE OF DEPOSIT August 7, 2001

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